

Notes on the True Neuroptera.

BY J. F. McCLENDON.

(Plate VIII)

3. *A Catalogue of Texas Neuroptera.*

Very few Neuroptera have been recorded from Texas, and I am writing the following list in the hope that it will encourage others to make a more thorough study of this interesting group in that region. Through the kindness of Dr. Samuel Henshaw I was allowed to examine the specimens in the Museum of Comparative Zoology, and Dr. L. O. Howard and Mr. R. P. Currie gave me every facility in looking over those in the National Museum. Mr. Nathan Banks, Asst. Entomologist, Dept. of Agriculture, let me study his collection, which contains more Texas material than that of any museum I have visited. Most Texas material is scanty and merely labeled "Texas," and in some cases the genus only could be identified. Where the collector's name was not known I have inserted the name of the owner or donor of the specimens. In many cases I refer to a monograph rather than the original description of a species, and have omitted the author's name where it is included in the name of the species.

SIALIDÆ.

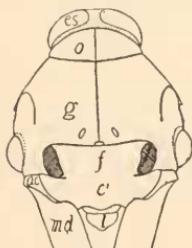
SIALIS Latr. (*Sialis* sp.? Austin, McClendon).**CORYDALIS** Latr.*cornuta* Linn., Hagen, '61,* Columbus, E. A. Schwarz; Austin, McClendon.

Fig. 1.—*Corydalis texana*, dorsal view of head and neck.

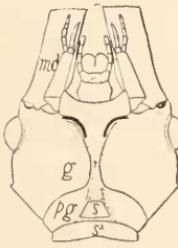


Fig. 2.—*Corydalis texana*, ventral view of head and neck.



Fig. 3.—*Corydalis texana*, labium and hypopharynx of larva.

*Synopsis of Neuroptera of North America, by Hermann Hagen, Smithsonian Institute

cognata Hagen, '61,* Pecos River, Hagen.
crassicornis McLach., '67, Jour. Linn. Soc. Zool., v. 9, p. 233, San Antonio, A. Agassiz.
immabilis McLach., '67, Jour. Linn. Soc. Zool., v. 9, p. 235, Waco, Belgrave.
texana Banks, Jour. N. Y. Ent. Soc., v. 11, p. 239, Laredo, McClendon.



Fig. 4.—*Corydalis texana*, ventral view of thorax.



Fig. 5.—*Corydalis texana*, lateral view of thorax.

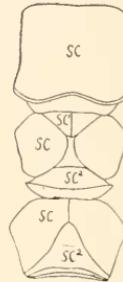


Fig. 30.—*Corydalis texana*, tergites of the thorax.

RAPHIDIDÆ.

RAPHIDIA Linn.

oculata Banks, '05, Trans. Am. Ent. Soc., v. 32, p. 4, Austin, McClendon.

MANTISPIDÆ.

MANTISPA III.

brunnea Say, Hagen, '61, Dallas, Riley; Victoria, Hinds, Morrill; San Antonio, Marlatt.
interrupta Say, Hagen, '61, Victoria, Caudell; Brownsville, E. A. Schwarz, H. Barber; San Antonio, Banks; Austin, McClendon.

CONIOPTERYGIDÆ.

CONIOPTERYX Halid. (*Coniopteryx* n sp., Brownsville, Barber).

CHrysopidæ.

LEUCOCHRYSA McLach.

antennata Banks, '05, Trans. Am. Ent. Soc., v. 32, p. 5, Brownsville, H. Barber.
americana Banks, '97, Proc. Ent. Soc. Wash., v. 4, p. 175, Austin, McClendon.

CHrysopa Leach.

oculata Say, Hagen, '61, Austin.

rufitabris Burm., Hagen, '61, Columbus, Schwarz; Victoria, Schwarz; Austin, McClendon.

quadripunctata Burm., Hagen, '61, Austin, McClendon.
sulphurea Fitch, Hagen, '61, Austin, McClendon.
plorabunda Fitch, Hagen, '61, Greenville, H. Barber; Austin, McClendon.
externa Hagen, '61, Greenville, H. Barber; Austin, McClendon.
punctinervis McLach., '69, Ent. Month. Mag., '69, p. 24, Texas, McLach.
bimaculata McClendon, '01, Psyche, v. 9, p. 215, Brownsville, H. Barber; Austin, Banks; San Antonio, Banks; Laredo, McClendon.

HEMEROBIDÆ.

HEMEROBIUS Linn.

castaneæ Fitch, Hagen, '61, Texas, Belfrage.
perparvus McLach., '69, Ent. Month. Mag., '69, p. 21, Texas, McLachlan.

MICROMUS Rambur.

angustus Hagen, '86, Proc. Bost. Soc. Nat. Hist., '86, p. 287, Texas, Belfrage.

insipidus Hagen, '61, Columbus, Schwarz.

posticus Walk., B. M. Cat., Neur., p. 283, Victoria, Schwarz; Austin, McClendon.

CLIMACIA McLachlan.

areolis Hagen, '61, Columbus, Schwarz; Texas, Belfrage.

LOMAYIA Banks.

texana Banks, '97, Trans. Am. Ent. Soc., v. 4, p. 24, Brownsville, H. Banks; Central Texas, Banks.

MYRMELEONIDÆ.

(MYRMELEONINÆ.)

ACANTHAACLISIS Rambur.

texana Hagen, '87-8, Canad. Ent., p. 197, Texas, Hagen.

DENDROLEON Hagen.

obsoletus Say, Hagen, '61, Blanco Co., Am. Ent. Soc.

PSAMMOLEON Banks.

ingeniosus Walk., Hagen, '61, Columbus, Riley; Brownsville and Alice, Barber; Blanco Co., Am. Ent. Soc.; Austin, McClendon.

BRACHYNEMURUS Hagen.

carrizonus Hag., '87-8, Canad. Ent., p. 93, Blanco Co., Am. Ent. Soc.; Brownsville, H. Barber; San Diego, Schwarz; College Station, Banks; Carrizo Springs, Hagen; Austin, McClendon.

abdominalis Say, Hagen, '61, Brazos Co., Banks; Victoria, W. E. Hinds; Alice, H. Barber; Blanco Co., Am. Ent. Soc.; Dallas, Boll; Carrizo Springs, Hagen; Austin, McClendon.

longicaudus Burn., Hagen, '61, Texas, Riley.

peregrinus Hag., '61, Matamoros, Hagen.

sackeni Hag., '87-8, Round Mountain, Am. Ent. Soc.; Dallas, Boll.

irregularis Currie, '06, Proc. Ent. Soc., Wash.; Columbus, Schwarz.

hubbardi Currie, '98, Canad. Ent., v. 30, p. 93, = *cockerelli* Banks; Carrizo springs, Dr. A. Wadgymar; Columbus, Am. Ent. Soc.

texanus Banks, '03, Jour. N. Y. Ent. Soc., '03, p. 240, Amarillo, Cockrell; Laredo, McClendon.

dorsalis Banks, '63, Jour. N. Y. Ent. Soc., '03, p. 240, Laredo.

curriei McClendon, '06, ENT. NEWS, v. 17, p. 93, Brownsville, Esperanzo, Los Barregos, Barber.

MYRMELEON Linn.

immaculatus DeGeer, Hagen, '61, Texas, Hagen.

rusticus Hagen, '61, Brownsville, H. Barber; Victoria, Caudell, J. Mitchell, Schwarz; Columbus, San Diego, Schwarz; Pecos River, Hagen; Matamoros, Hagen; Austin and Laredo, McClendon.

texanus Banks, '00, ENT. NEWS, v. 11, p. 596, Columbus, Schwarz; Galveston, McClendon.

NEUROPTYNX n. gen. (= *Plynx* Lefeb., preoccupied).

juvenilis McLach., '71, Jour. Linn. Soc. Zool., Dallas Boll.; Austin McClendon.

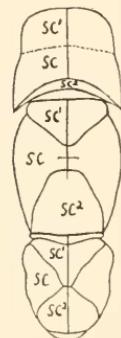


Fig. 31.—*Myrmeleon rusticus*, tergites of the thorax.

ULULODES Currie (*Ulula* Ramb.)

hyalina Latr. Hagen, '61, Dallas, H. Barber, Boll.; Austin, A. W. Morrill, McClendon; Bosque Co., Belfrage; Columbus, Schwarz; Waco, Galveston and Laredo, McClendon; Brownsville, H. Barber.

PANORPIDÆ.

BITTACUS Latr.

occidentis Walk., Hagen, '61, Texas, Banks.

PANORPA Linn.

nuptialis Gerst., '63, Stet. Ent. Zeit. '63, p. 24, Jonesville, Mally; College Station, Banks; Victoria, Calvert, A. W. Morrill; Dallas, Boll; Austin, McClendon, Norman.

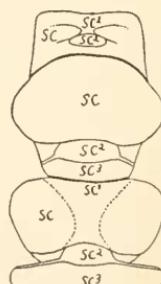


Fig. 32.—*Panorpa nuptialis*, tergites of the thorax.

